

### REMARKS

Claims 1-140 were pending in this application. By this paper, Claims 15-18 have been cancelled and new claims 141-146 have been added. Accordingly, Claims 1-14, and 19-146 are presented for examination and consideration.

In the Office Action, Claims 17, 18, 59-64, and 89-140 were allowed. Claims 52, 55-56 and 83-88 were objected to and Claims 1-16, 19-51, 53, 54, 57, 58 and 65-82 were rejected under 35 USC 103(a) as being unpatentable over Zakoshansky in view of Pompetzki (JP2001-097901). In view of the foregoing amendments, Applicant requests reconsideration of the rejections.

Independent Claim 1 has been amended to include the limitation of Claims 17 and 18, but without the limitations of the intermediate dependent claims. Claims 17 and 18 were indicated as allowed in the Office Action. Accordingly, Applicant submits that Claim 1, and those claims dependent therefrom, are now in condition for allowance.

Independent Claim 65 has been amended to be limited to mixtures of s-butylbenzene hydroperoxide and cumene hydroperoxide and has added the limitation of 95% cleavage of the remaining peroxides in the second reactor. This latter limitation is similar to the limitation of Claims 55 and 56 which were objected to in the Office Action. In view of these amendments, Applicant submits that Claim 65, and those claims dependent therefrom, are neither taught nor suggested by the cited references and are in condition for allowance.

New Claim 141 is based on original Claim 1 and includes the limitation of Claim 52, which claim was objected to in the Office Action. Accordingly, Applicant believes that Claim 141 is in condition for allowance.

Claim 142 is based on original Claim 1 but includes the limitation of Claims 55 and 56, which claims were objected to

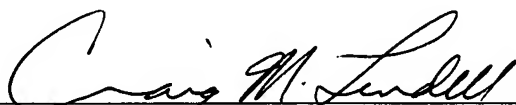
in the Office Action. Accordingly, Applicant believes that Claim 142 is also in condition for allowance.

Dependent Claims 143-146 include the limitations of original Claims 59-164 and are believed to be allowable for the same reasons as Claim 142.

In view of the foregoing, Applicant believes that all of the claims are in condition for allowance and favorable consideration by the Examiner is requested. Should the Examiner find any impediment to the prompt allowance of the claims which can be corrected by telephone interview, the Examiner is requested to initiate such an interview with the undersigned.

Respectfully submitted,

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